

SEQUENCE LISTING

<110> HAMON, CHRISTIAN
 KUHN, KARSTEN
 THOMPSON, ANDREW
 REUSCHLING, DIETER
 SCHAEFER, JUERGEN

<120> MASS LABELS

<130> 1020600-000303

<140> 10/550,558

<141> 2005-09-26

<150> PCT/GB04/001167

<151> 2004-03-18

<150> GB 0306756.8

<151> 2003-03-24

<160> 4

<170> PatentIn Ver. 3.3

<210> 1

<211> 607

<212> PRT

<213> Bos taurus

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His	Arg	Phe	Lys	Asp	Leu	Gly	Glu	Glu	His	Phe	Lys	Gly	Leu	Val	Leu	
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Ile	Ala	Phe	Ser	Gln	Tyr	Leu	Gln	Gln	Cys	Pro	Phe	Asp	Glu	His	Val	
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Lys	Leu	Val	Asn	Glu	Leu	Thr	Glu	Phe	Ala	Lys	Thr	Cys	Val	Ala	Asp	
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Glu	Ser	His	Ala	Gly	Cys	Glu	Lys	Ser	Leu	His	Thr	Leu	Phe	Gly	Asp	
				85					90					95		
Glu	Leu	Cys	Lys	Val	Ala	Ser	Leu	Arg	Glu	Thr	Tyr	Gly	Asp	Met	Ala	
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Asp	Cys	Cys	Glu	Lys	Gln	Glu	Pro	Glu	Arg	Asn	Glu	Cys	Phe	Leu	Ser	
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His	Lys	Asp	Asp	Ser	Pro	Asp	Leu	Pro	Lys	Leu	Lys	Pro	Asp	Pro	Asn	
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Thr	Leu	Cys	Asp	Glu	Phe	Lys	Ala	Asp	Glu	Lys	Lys	Phe	Trp	Gly	Lys	
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Tyr	Leu	Tyr	Glu	Ile	Ala	Arg	Arg	His	Pro	Tyr	Phe	Tyr	Ala	Pro	Glu	
				165					170					175		
Leu	Leu	Tyr	Tyr	Ala	Asn	Lys	Tyr	Asn	Gly	Val	Phe	Gln	Glu	Cys	Cys	
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Gln	Ala	Glu	Asp	Lys	Gly	Ala	Cys	Leu	Leu	Pro	Lys	Ile	Glu	Thr	Met	
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Arg	Glu	Lys	Val	Leu	Ala	Ser	Ser	Ala	Arg	Gln	Arg	Leu	Arg	Cys	Ala	
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Ser	Ile	Gln	Lys	Phe	Gly	Glu	Arg	Ala	Leu	Lys	Ala	Trp	Ser	Val	Ala	
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Arg	Leu	Ser	Gln	Lys	Phe	Pro	Lys	Ala	Glu	Phe	Val	Glu	Val	Thr	Lys	
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Leu	Val	Thr	Asp	Leu	Thr	Lys	Val	His	Lys	Glu	Cys	Cys	His	Gly	Asp	
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Leu	Leu	Glu	Cys	Ala	Asp	Asp	Arg	Ala	Asp	Leu	Ala	Lys	Tyr	Ile	Cys	
		275					280					285				
Asp	Asn	Gln	Asp	Thr	Ile	Ser	Ser	Lys	Leu	Lys	Glu	Cys	Cys	Asp	Lys	
	290					295					300					
Pro	Leu	Leu	Glu	Lys	Ser	His	Cys	Ile	Ala	Glu	Val	Glu	Lys	Asp	Ala	
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Ile	Pro	Glu	Asn	Leu	Pro	Pro	Leu	Thr	Ala	Asp	Phe	Ala	Glu	Asp	Lys	
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Phe	Leu	Tyr	Glu	Tyr	Ser	Arg	Arg	His	Pro	Glu	Tyr	Ala	Val	Ser	Val	
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Leu	Leu	Arg	Leu	Ala	Lys	Glu	Tyr	Glu	Ala	Thr	Leu	Glu	Glu	Cys	Cys	
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Ala	Lys	Asp	Asp	Pro	His	Ala	Cys	Tyr	Ser	Thr	Val	Phe	Asp	Lys	Leu	
385					390					395					400	
Lys	His	Leu	Val	Asp	Glu	Pro	Gln	Asn	Leu	Ile	Lys	Gln	Asn	Cys	Asp	
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Gln	Phe	Glu	Lys	Leu	Gly	Glu	Tyr	Gly	Phe	Gln	Asn	Ala	Leu	Ile	Val	
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Arg	Tyr	Thr	Arg	Lys	Val	Pro	Gln	Val	Ser	Thr	Pro	Thr	Leu	Val	Glu	
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Val Ser Arg Ser Leu Gly Lys Val Gly Thr Arg Cys Cys Thr Lys Pro
 450 455 460

Glu Ser Glu Arg Met Pro Cys Thr Glu Asp Tyr Leu Ser Leu Ile Leu
 465 470 475 480

Asn Arg Leu Cys Val Leu His Glu Lys Thr Pro Val Ser Glu Lys Val
 485 490 495

Thr Lys Cys Cys Thr Glu Ser Leu Val Asn Arg Arg Pro Cys Phe Ser
 500 505 510

Ala Leu Thr Pro Asp Glu Thr Tyr Val Pro Lys Ala Phe Asp Glu Lys
 515 520 525

Leu Phe Thr Phe His Ala Asp Ile Cys Thr Leu Pro Asp Thr Glu Lys
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Gln Ile Lys Lys Gln Thr Ala Leu Val Glu Leu Leu Lys His Lys Pro
 545 550 555 560

Lys Ala Thr Glu Glu Gln Leu Lys Thr Val Met Glu Asn Phe Val Ala
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Phe Val Asp Lys Cys Cys Ala Ala Asp Asp Lys Glu Ala Cys Phe Ala
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